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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/675,509	09/30/2003	John Y. Chen	55	6339
7590	04/03/2007		EXAMINER	
Attn: John Y. Chen Applied Elastomerics, Inc. 163 West Harris Avenue South San Francisco, CA 94080			LILLING, HERBERT J	
			ART UNIT	PAPER NUMBER
			1657	
			MAIL DATE	DELIVERY MODE
			04/03/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

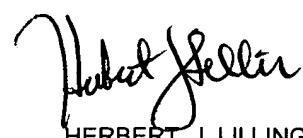
Response to Rule 312 Communication	Application No.	Applicant(s)	
	10/675,509	CHEN, JOHN Y.	
	Examiner HERBERT J. LILLING	Art Unit 1657	

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

1. The amendment filed on 12 March 2007 under 37 CFR 1.312 has been considered, and has been:

- a) entered.
- b) entered as directed to matters of form not affecting the scope of the invention.
- c) disapproved because the amendment was filed after the payment of the issue fee.
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
- d) disapproved. See explanation below.
- e) entered in part. See explanation below.

The amendments to the specification and the Drawing substitutions have been approved.



HERBERT J. LILLING
Primary Examiner
Art Unit: 1657

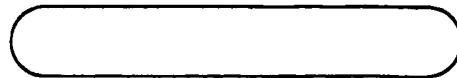


Fig. 1a

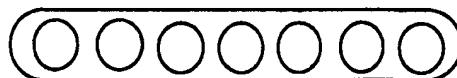


Fig. 1b

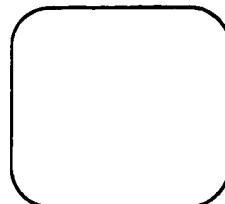


Fig. 1c

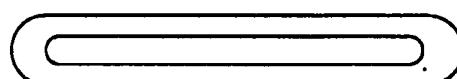


Fig. 1d

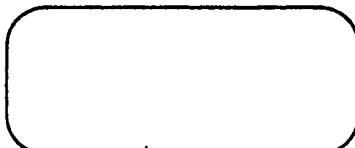


Fig. 1f

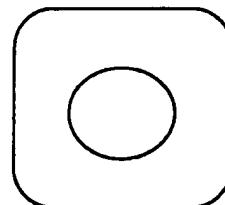


Fig. 1e

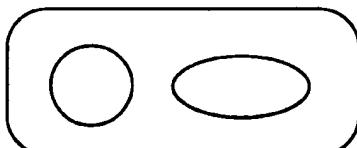


Fig. 1g

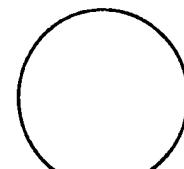


Fig. 1h

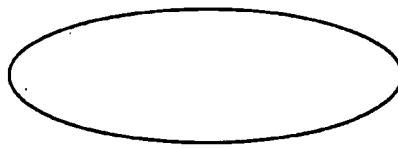


Fig. 1i

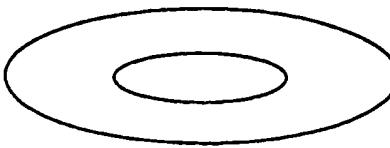


Fig. 1k

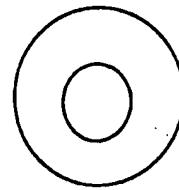


Fig. 1j

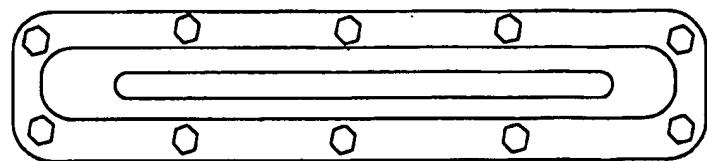


Fig. 2a

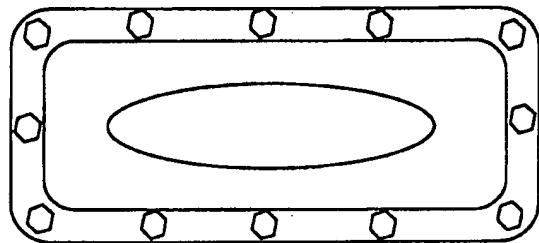


Fig. 2b

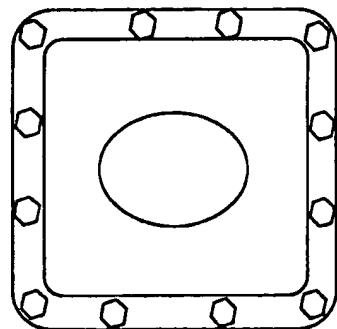


Fig. 2c

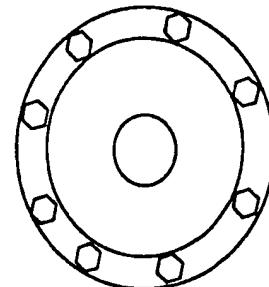


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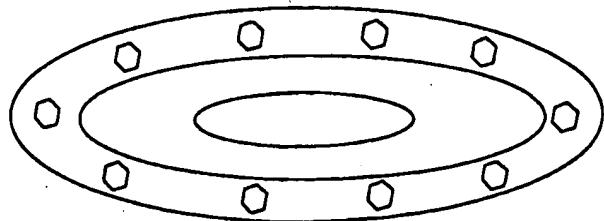


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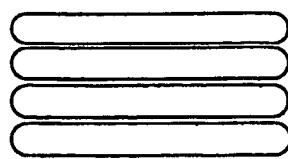


Fig. 3a

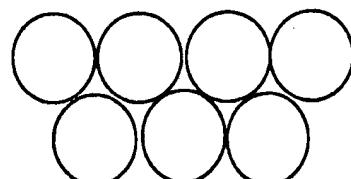


Fig. 3b

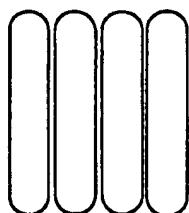


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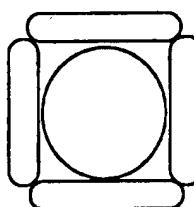


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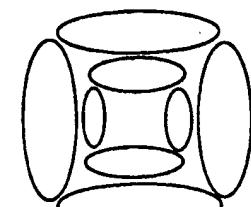


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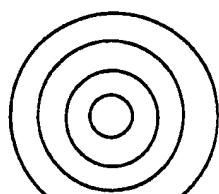


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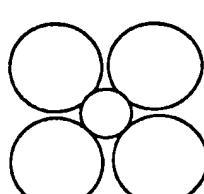


Fig. 3g

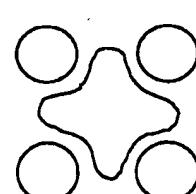


Fig. 3h

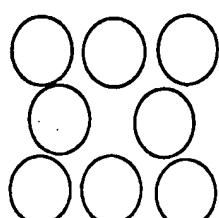


Fig. 3i

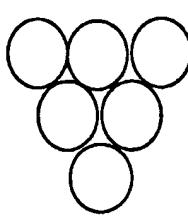


Fig. 3j

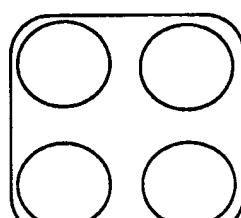


Fig. 3k

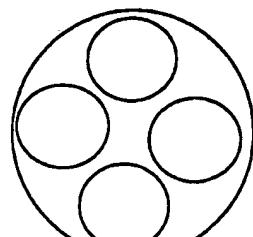


Fig. 3l

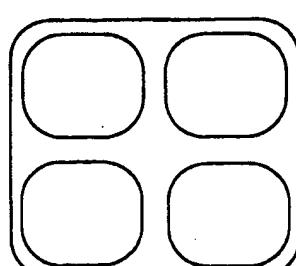


Fig. 3m

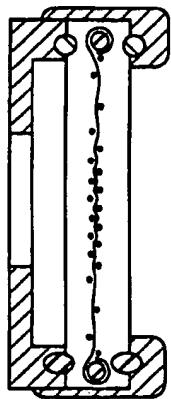


Fig. 3n

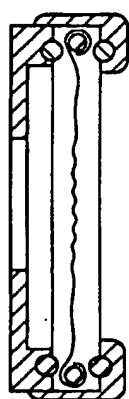


Fig. 3o

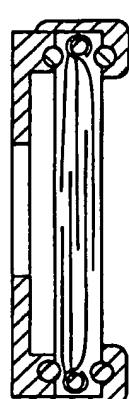


Fig. 3p

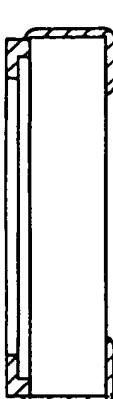


Fig. 4a

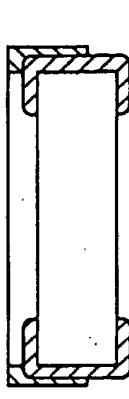


Fig. 4b



Fig. 4c

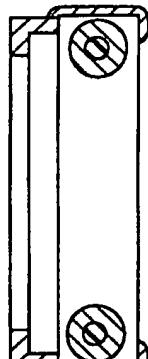


Fig. 4d



Fig. 4e



Fig. 4f

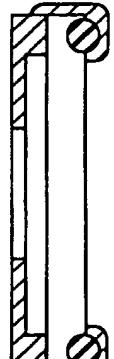


Fig. 4g

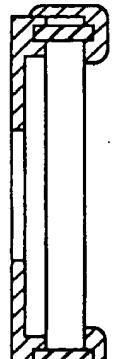


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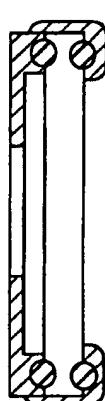


Fig. 4i

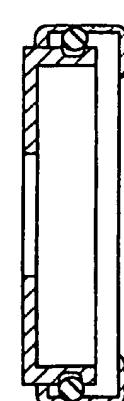


Fig. 4j

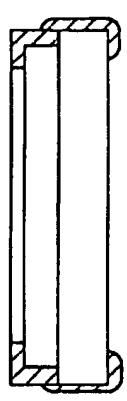


Fig. 4k

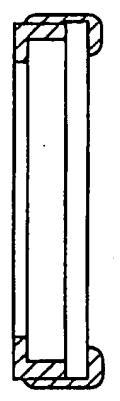


Fig. 4l



Fig. 4m

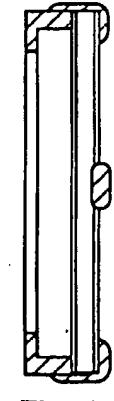


Fig. 4n



Fig. 4o



Fig. 4p

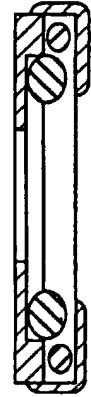


Fig. 4q



Fig. 4r



Fig. 4s

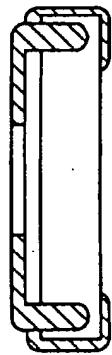


Fig. 4t



Fig. 4u

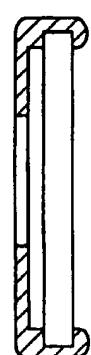


Fig. 4v



Fig. 4w



Fig. 4x



Fig. 4y

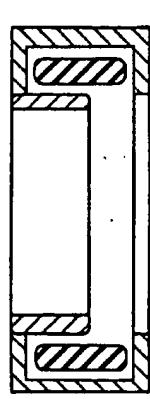


Fig. 4z

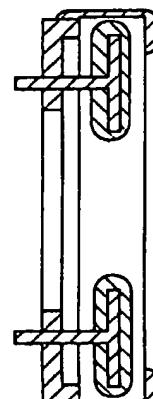


Fig. 5a

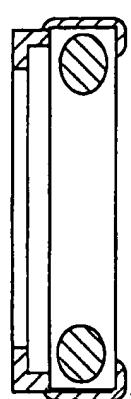


Fig. 5b



Fig. 5c



Fig. 5d

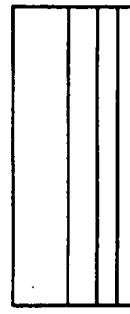


Fig. 5e



Fig. 5f



Fig. 5g



Fig. 5h



Fig. 5i



Fig. 5j



Fig. 5k



Fig. 5l



Fig. 5m

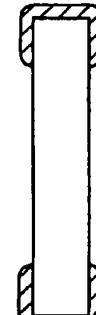


Fig. 5n



Fig. 5o



Fig. 5p



Fig. 5q



Fig. 5r

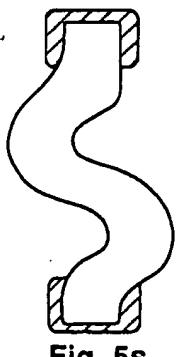


Fig. 5s



Fig. 5t



Fig. 5u



Fig. 5v



Fig. 5w

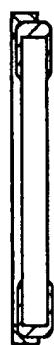


Fig. 6a



Fig. 6b

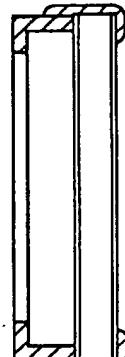


Fig. 6d



Fig. 6e

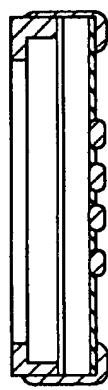


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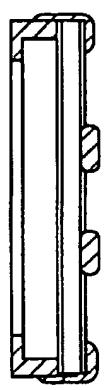


Fig. 6g



Fig. 6h

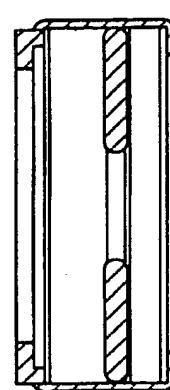


Fig. 6i

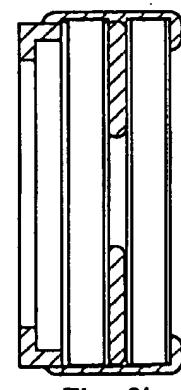


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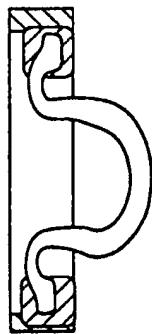


Fig. 6k



Fig. 6l

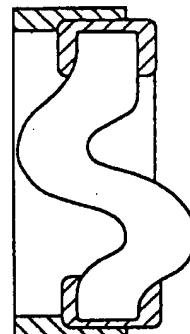


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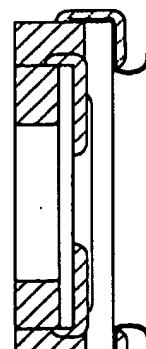


Fig. 6n

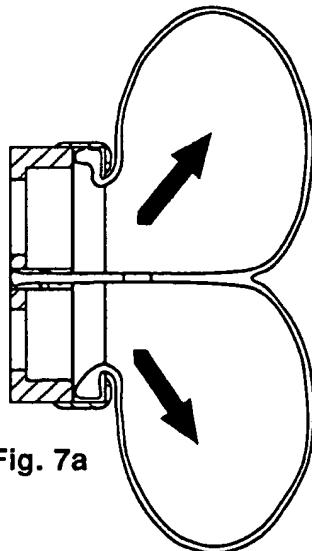


Fig. 7a

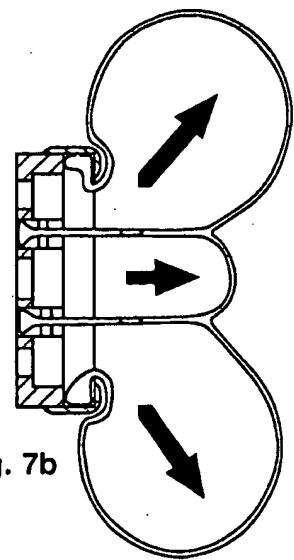


Fig. 7b

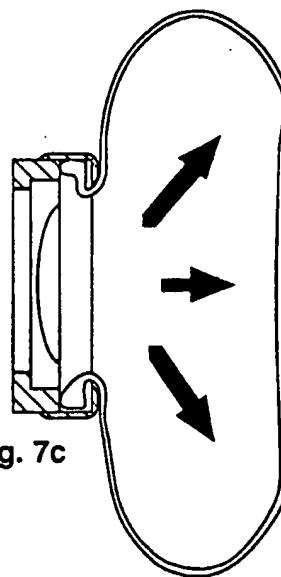


Fig. 7c

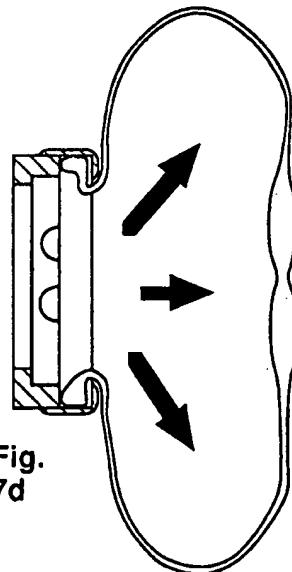


Fig.
7d

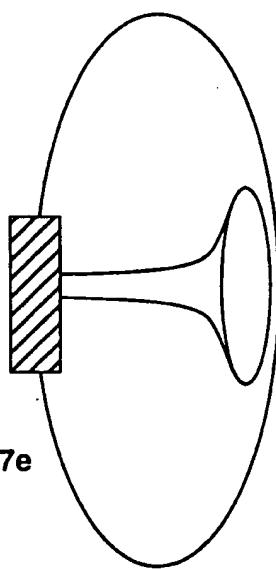


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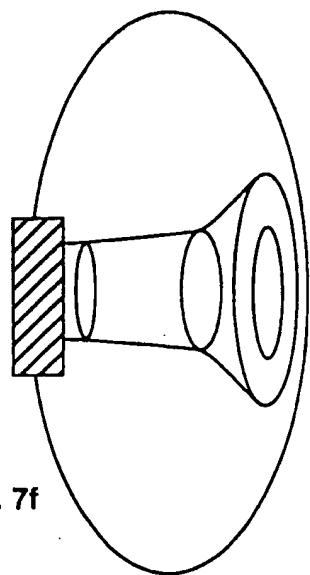


Fig. 7f

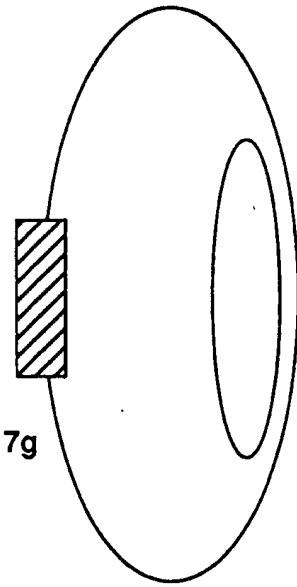


Fig. 7g

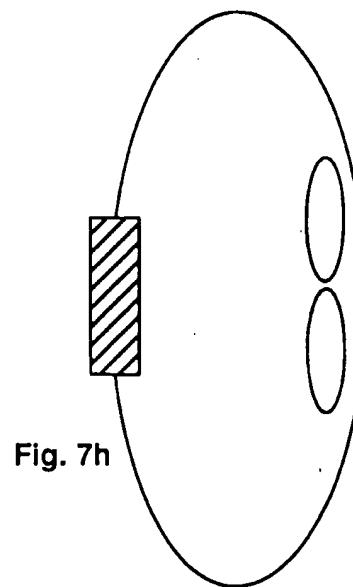


Fig. 7h



Fig. 8a

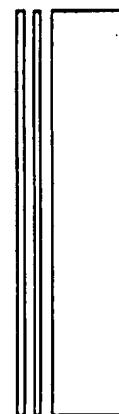


Fig. 8b



Fig. 8c

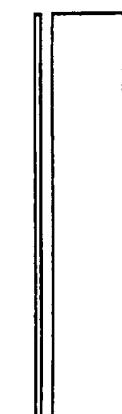


Fig. 8d

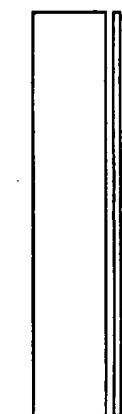


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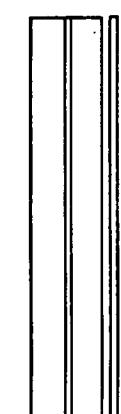


Fig. 8f

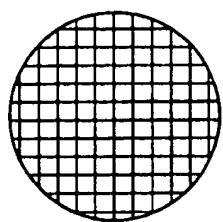


Fig. 8g

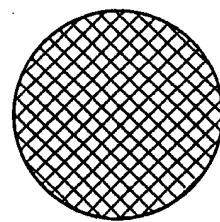


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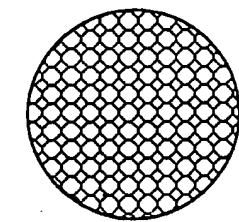


Fig. 8i

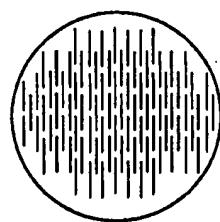


Fig. 8j

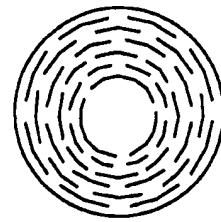


Fig. 8k

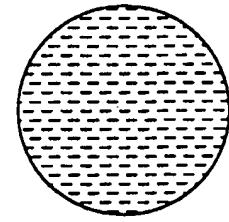


Fig. 8l

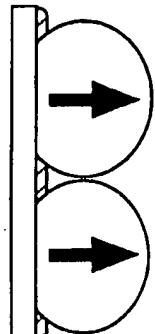


Fig. 9a

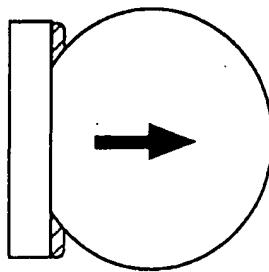


Fig. 9b

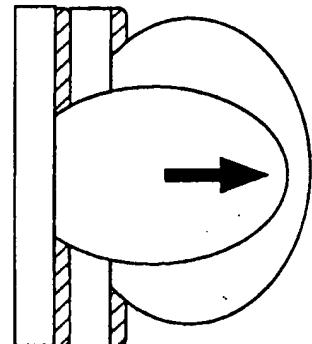


Fig. 9c

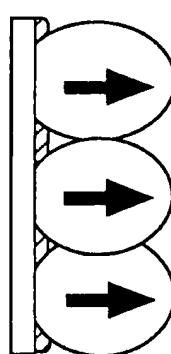


Fig. 9d

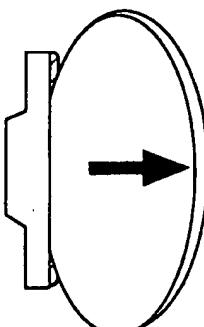


Fig. 9e

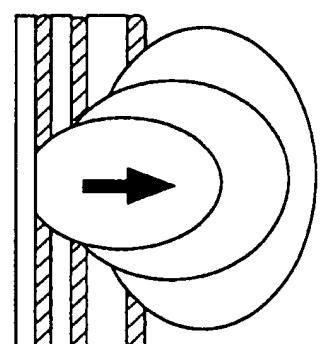


Fig. 9f

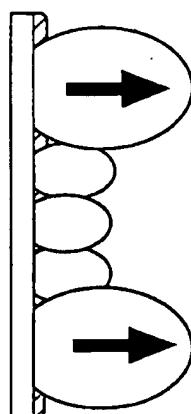


Fig. 9g

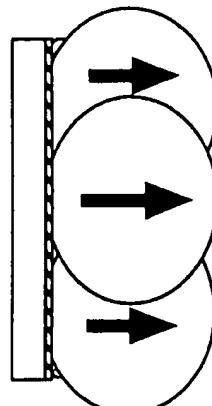


Fig. 9h

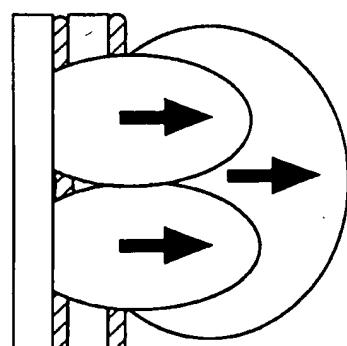
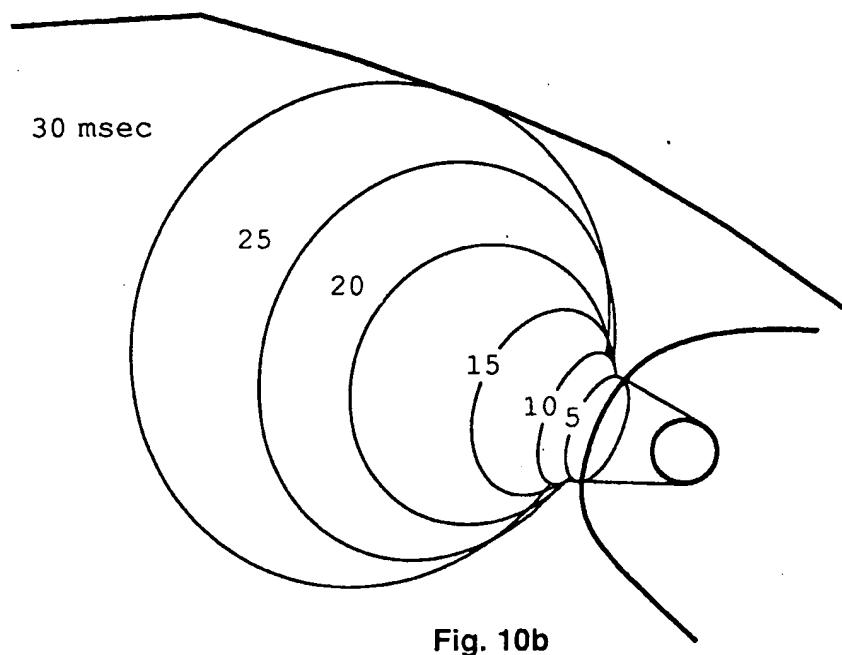
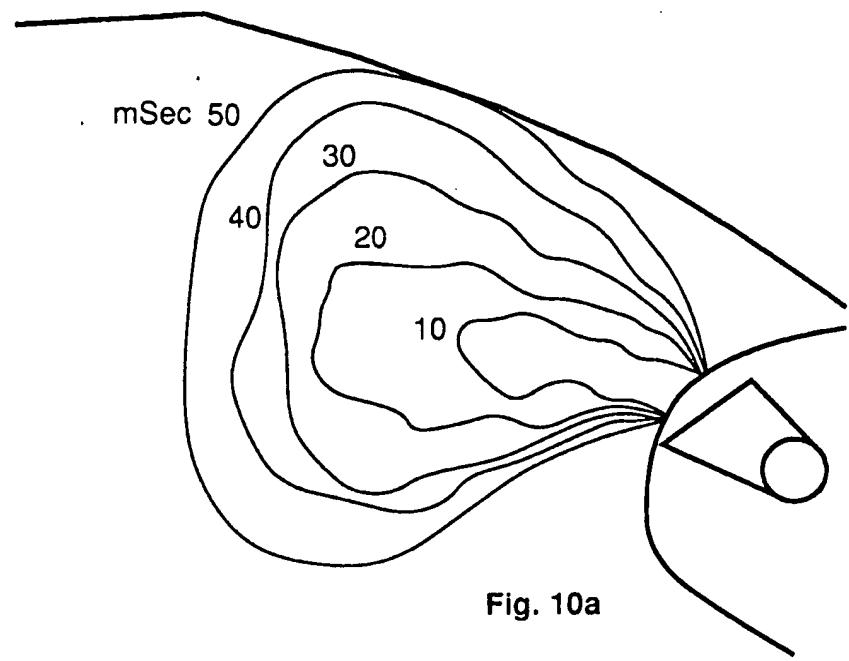


Fig. 9i



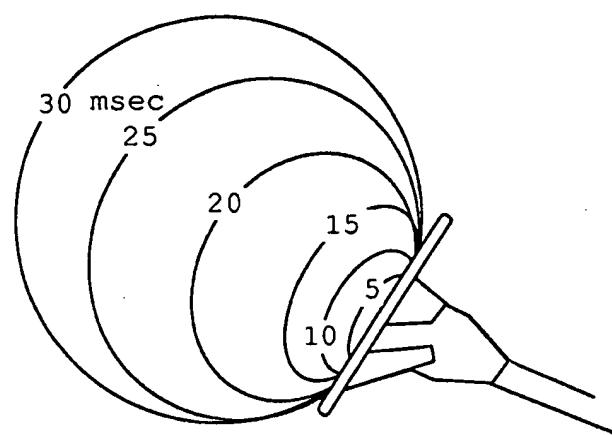


Fig. 10c

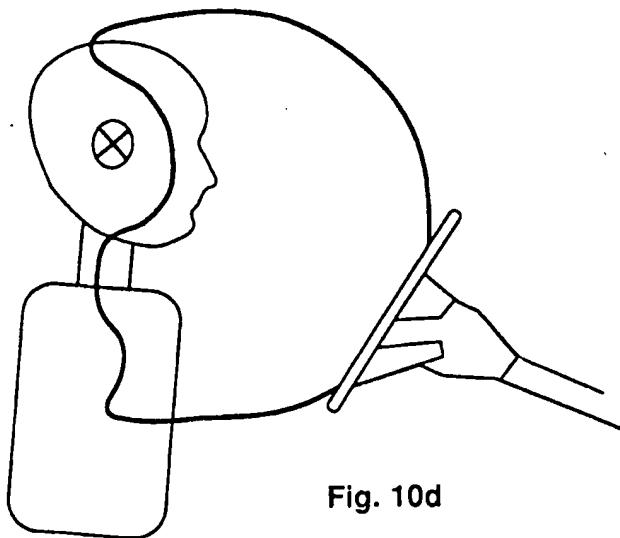


Fig. 10d

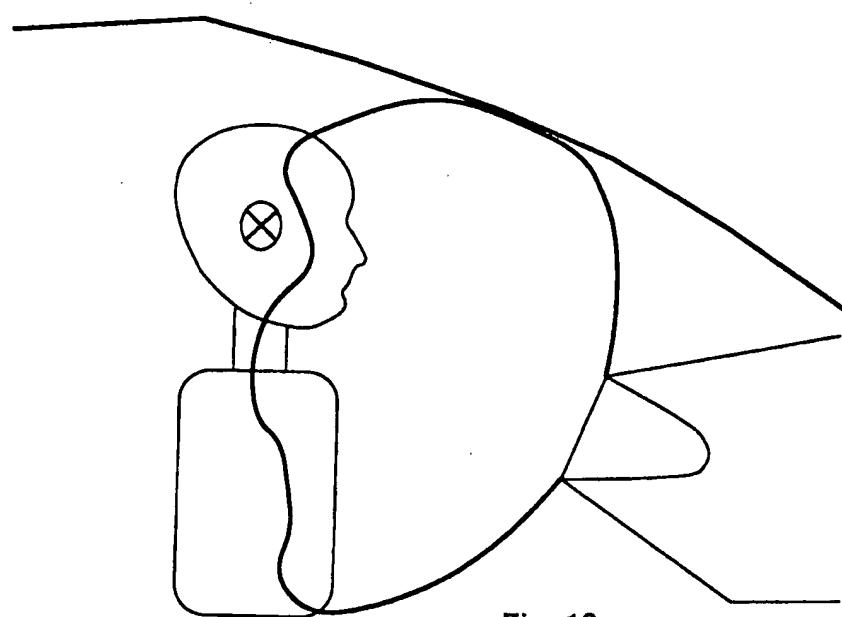


Fig. 10e

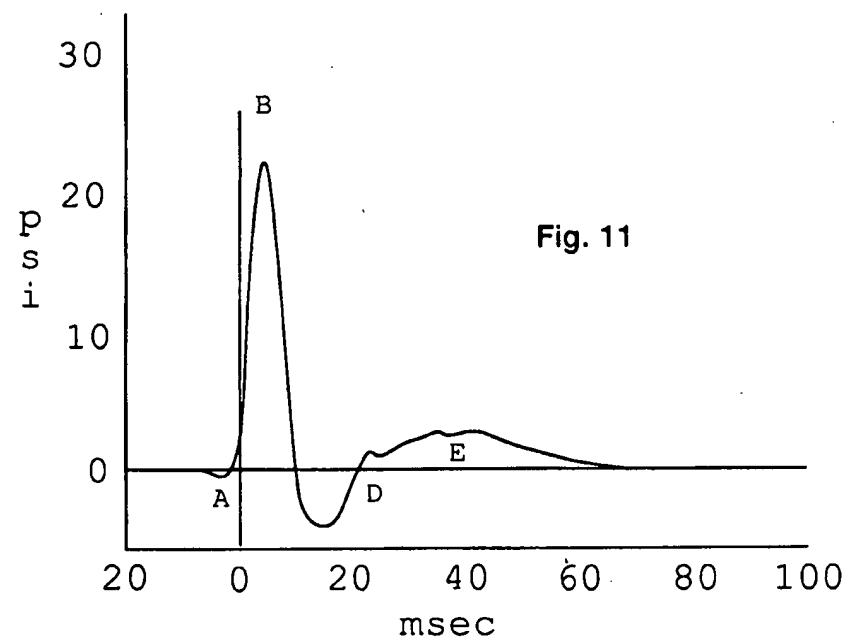


Fig. 11

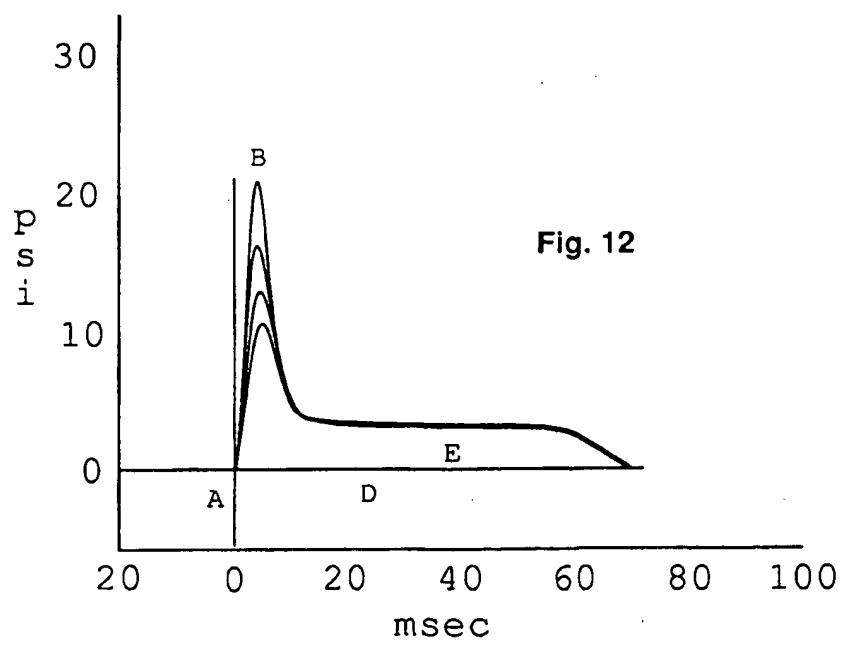
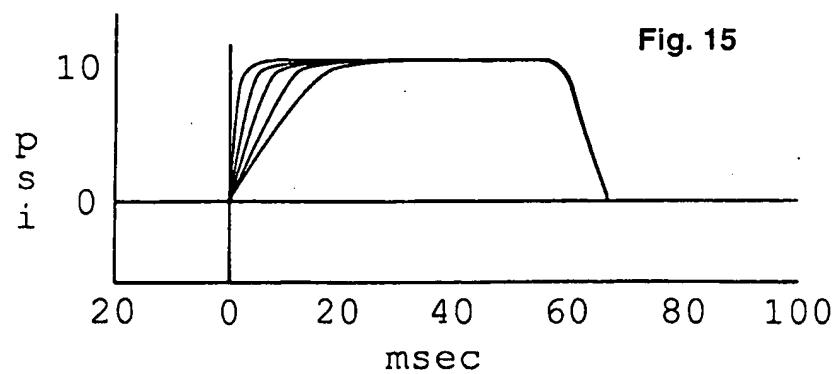
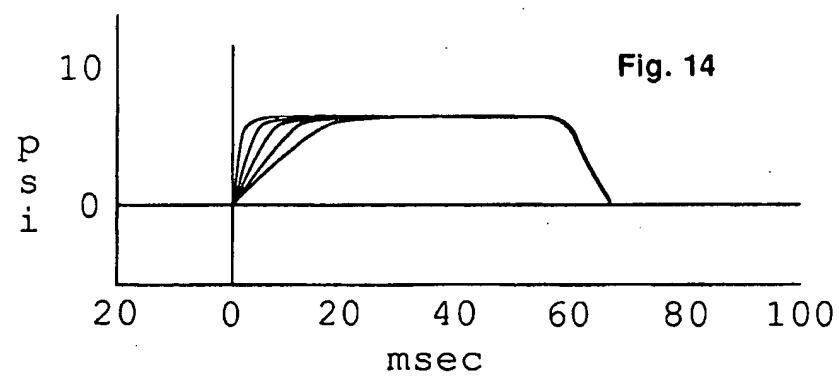
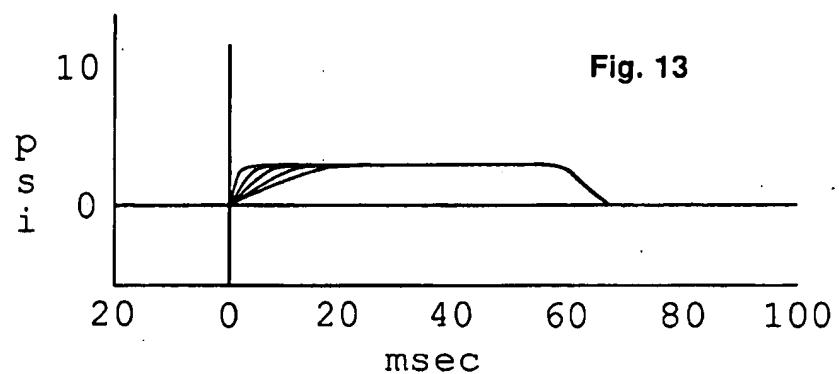


Fig. 12



M1	Fabric or Cloth
G	Gel
GM	Gel-Sponge or Gel-Foam
M2	Foam or Sponge
M3	Synthetic Resin or Plastic
M4	Fibre
M5	Concrete
M6	Metal or Metal Sponge
M7	Wood
M8	Wire or Screening
M9	Refractory Material
M10	Other Material

Figure 16

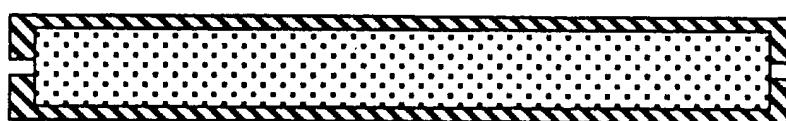


Figure 17a

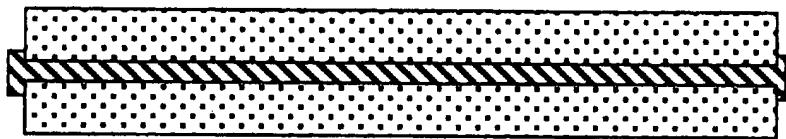


Figure 17b

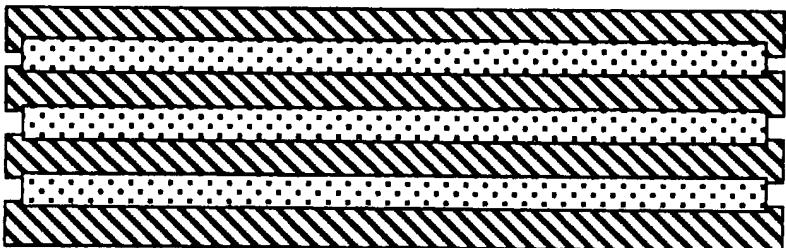


Figure 17c



Figure 17d

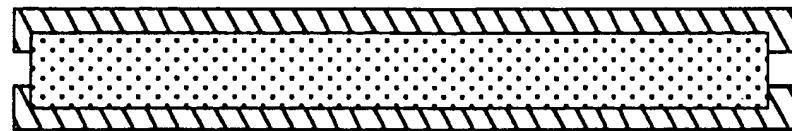


Figure 18

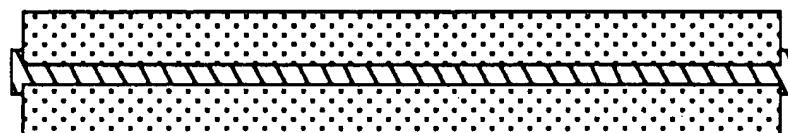


Figure 19

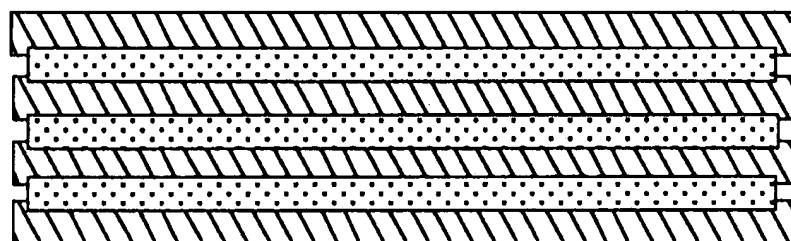


Figure 20



Figure 21

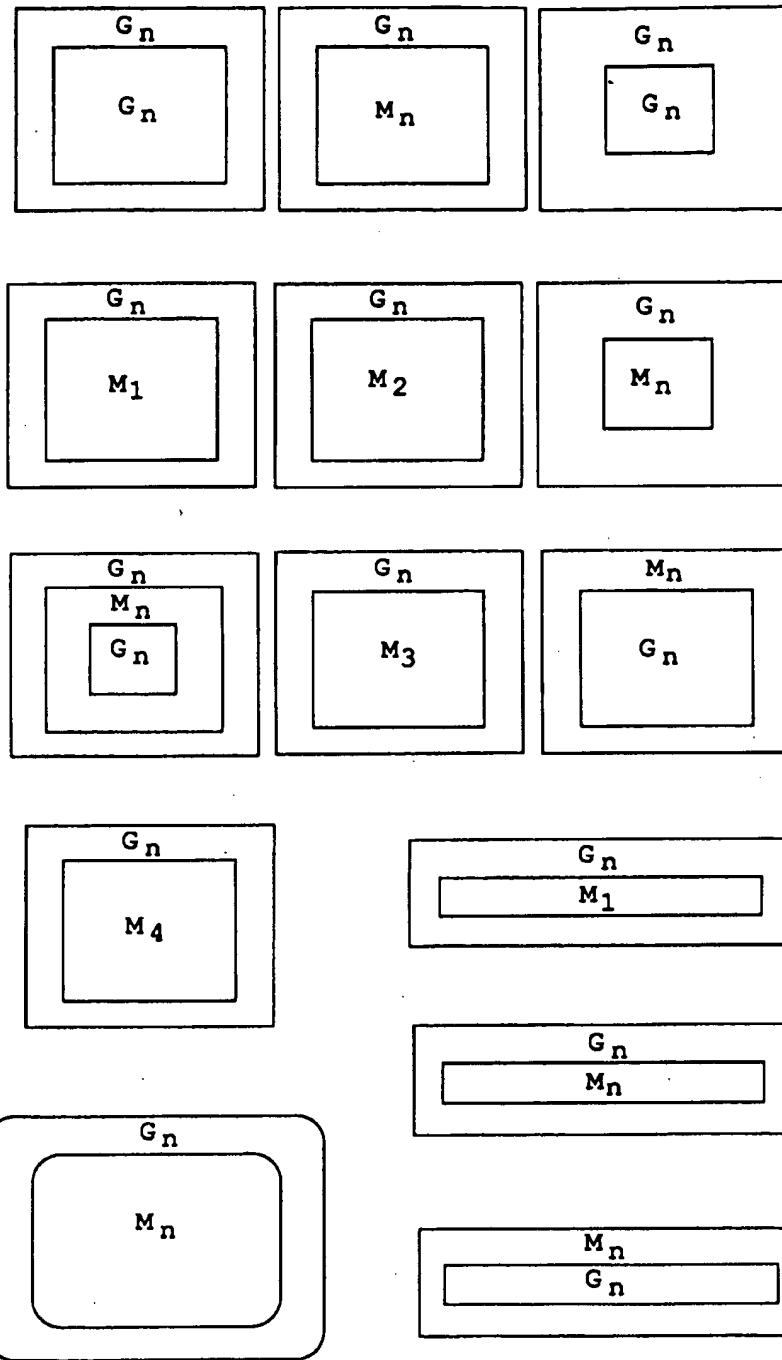


Figure 22

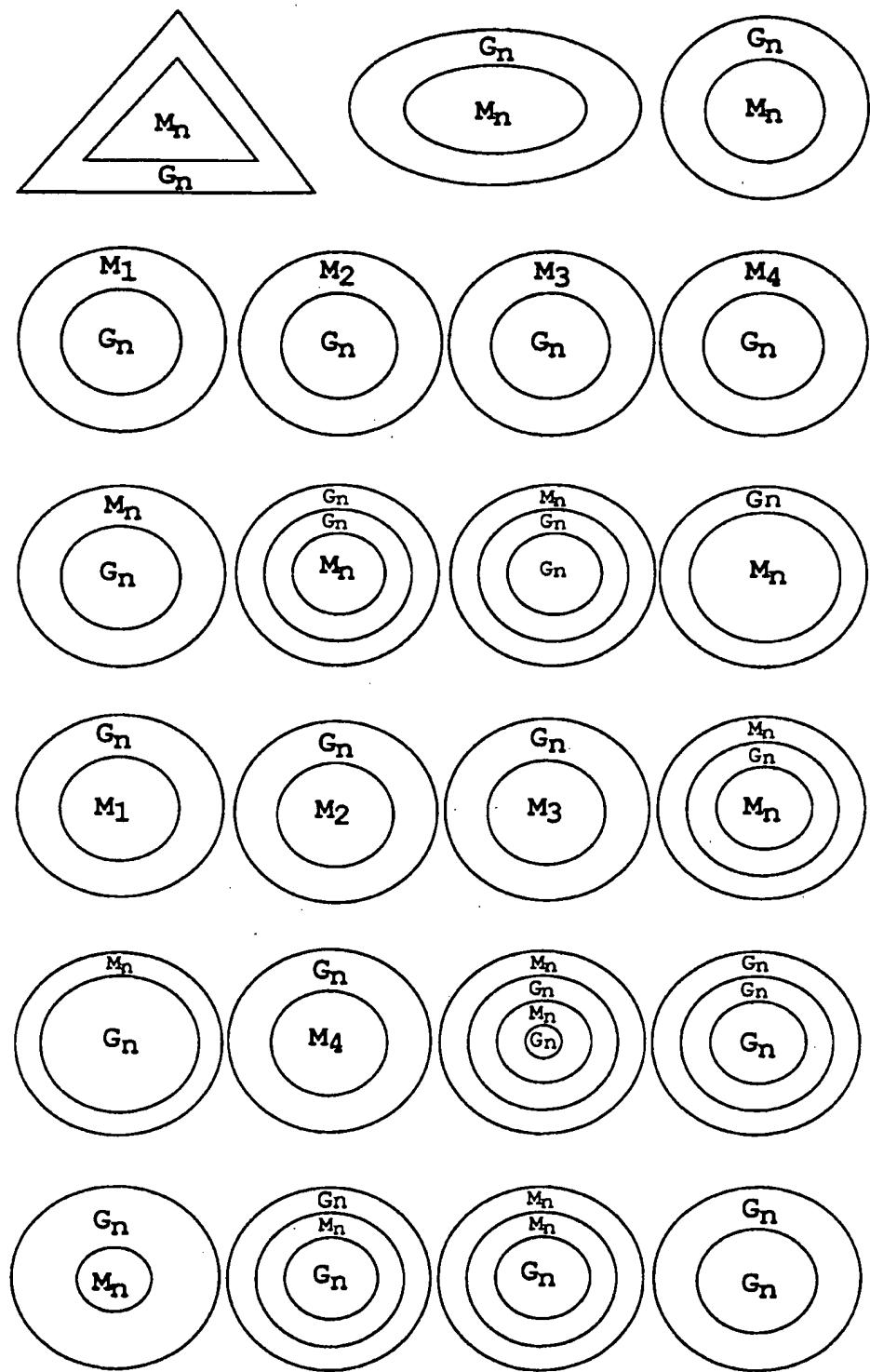


Figure 23